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### **TC 3700 Inventor Search Program**

See attached inventor searches for applications and/or patents to help resolve questions of overlapping subject matter. These searches are provided as an initial examination aid: examiners should perform updated or expanded PALM or EAST inventors searches as appropriate.

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**Serial Number:**     10809773

**1.) See attached printout of inventors listed in  
PALM**

**2.) See attached EAST Inventor Search  
Printout shows Inventor search terms**

US 20060005293 A1	US-PGPUB	20060112	Safety harnesses	2/44		Frey, John R. et al.
US 20050276532 A1	US-PGPUB	20051215	Rolling ball tribometer	384/610		Zurecki, Zbigniew et al.
US 20050211029 A1	US-PGPUB	20050929	Apparatus and method for improving work surface during forming and shaping of materials	82/1.11	239/128; 82/900	Zurecki, Zbigniew et al.
US 20050194211 A1	US-PGPUB	20050908	Footholds for fall protection devices	182/3		O'Shall, James E. et al.
US 20050016337 A1	US-PGPUB	20050127	Apparatus and method for machining of hard metals with reduced detrimental white layer effect	82/1.11		Zurecki, Zbigniew et al.
US 20050011201 A1	US-PGPUB	20050120	Apparatus and method of cryogenic cooling for high-energy cutting operations	62/64	62/52.1; 62/DIG.10	Zurecki, Zbigniew et al.
US 20040237542 A1	US-PGPUB	20041202	Lineary-actuated-cryo-fluid connection (lacc) for manufacturing machines	62/50.7		Zurecki, Zbigniew et al.
US 20040154443 A1	US-PGPUB	20040812	Apparatus and method for machining with cryogenically cooled oxide-containing ceramic cutting tools	82/1.11		Zurecki, Zbigniew et al.
US 20030145694 A1	US-PGPUB	20030807	Apparatus and method for machining of hard metals with reduced detrimental white layer effect	82/1.11	82/50	Zurecki, Zbigniew et al.
US 20030110781 A1	US-PGPUB	20030619	Apparatus and method of cryogenic cooling for high-energy cutting operations	62/64	62/373	Zurecki, Zbigniew et al.
US 20020189413 A1	US-PGPUB	20021219	Apparatus and method for machining with cryogenically cooled oxide-containing ceramic cutting tools	82/1.11	82/50	Zurecki, Zbigniew et al.
US 20020166413 A1	US-PGPUB	20021114	Refining nonferrous metals and alloys with gases having reduced global warming potential	75/585		Hobbs, John Peter et al.
US 20020162374 A1	US-PGPUB	20021107	Process and roll stand for cold rolling of a metal strip	72/201		Plicht, Guido et al.
US 20020157455 A1	US-PGPUB	20021031	Method and apparatus of nondestructive testing a sealed product for leaks	73/40		Sagi, Nehemiah Hemi et al.
US 20020056278 A1	US-PGPUB	20020516	Apparatus and method for transferring a cryogenic fluid	62/50.1	62/50.7	Zurecki, Zbigniew et al.
US 20010027702 A1	US-PGPUB	20011011	Blanketing metals and alloys at elevated temperatures with gases having reduced global warming potential	75/585		Hobbs, John Peter et al.

US 20010003917 A1	US-PGPUB	20010621	Product leak testing	73/40	702/51	Sagi, Nehemiah Hemi et al.
US 6854318 B2	USPAT	20050215	Method and apparatus of nondestructive testing a sealed product for leaks	73/40		Sagi; Nehemiah Hemi et al.
US 6829868 B1	USPAT	20041214	Glazing pane installation	52/204.62	52/204.64; 52/204.7	Frey; John R.
US 6739808 B1	USPAT	20040525	Tool holder	407/114	407/107	Ghosh; Ranajit
US 6682585 B2	USPAT	20040127	Refining nonferrous metals and alloys with gases having reduced global warming potential	75/585	420/590; 75/414	Hobbs; John Peter et al.
US 6675622 B2	USPAT	20040113	Process and roll stand for cold rolling of a metal strip	72/201	72/342.2; 72/38	Plicht; Guido et al.
US 6584828 B2	USPAT	20030701	Method and apparatus of nondestructive testing a sealed product for leaks	73/40	73/49.2	Sagi; Nehemiah Hemi et al.
US 6564682 B1	USPAT	20030520	Machine tool distributor for cryogenic cooling of cutting tools on a turret plate	82/50	407/11; 82/120; 82/52	Zurecki; Zbigniew et al.
US 6521018 B2	USPAT	20030218	Blanketing metals and alloys at elevated temperatures with gases having reduced global warming potential	75/585	420/590	Hobbs; John Peter et al.
US 6513336 B2	USPAT	20030204	Apparatus and method for transferring a cryogenic fluid	62/50.7	62/293; 62/51.1	Zurecki; Zbigniew et al.
US 6308556 B1	USPAT	20011030	Method and apparatus of nondestructive testing a sealed product for leaks	73/40	73/45.4; 73/52	Sagi; Nehemiah Hemi et al.
US 6290418 B1	USPAT	20010918	Container and method	401/126	401/127; 401/7	Frey; John
US 6245824 B1	USPAT	20010612	Silicone surfactants for making polyurethane flexible molded foams	521/112	521/130; 521/131; 521/155; 521/170; 521/172; 521/174	Frey; John Herbert et al.
US 6239186 B1	USPAT	20010529	Silicone surfactants for the production of open cell polyurethane flexible foams	521/112	521/130; 521/131; 521/134; 521/155; 521/170; 521/172; 521/174	Mansfield; Kevin Francis et al.
US 6235804 B1	USPAT	20010522	Silicone surfactants for making polyurethane flexible molded foams	521/112	521/134; 521/155; 521/170; 521/174	Frey; John Herbert et al.
US D433917 S	USPAT	20001121	Clam shell handle latch, with keeper	D8/306	D8/319; D8/320	Frey; John R.
US D433916 S	USPAT	20001121	Door latch with lever control	D8/302	D8/319	Frey; John R.
US D432900	USPAT	20001031	Latch with recessed handle	D8/331	D8/338	Frey; John R.

S			swing zone			
US 6106843 A	USPAT	20000822	Process for the isolation of a nontoxinogenic vibrio cholerae strain and a process for preparing cholera vaccine from said vibrio cholerae strain	424/261.1	424/234.1; 424/93.2; 424/93.4; 435/248; 435/252.3; 435/476; 435/488; 435/909	Muthukumarappa; Thungapathra et al.
US D427878 S	USPAT	20000711	Door latch with lever control	D8/302	D8/319	Frey; John R.
US 6080800 A	USPAT	20000627	Aqueous wax dispersions as cell openers in making polyurethane flexible foams	521/132	521/110; 521/112; 521/122; 521/130; 521/131; 521/137; 521/170; 521/172; 521/174	Frey; John Herbert et al.
US 6065907 A	USPAT	20000523	Cutting insert with chip control	407/114	407/115; 407/116	Ghosh; Ranajit et al.
US D424406 S	USPAT	20000509	Convex surface latch	D8/331	D8/336	Frey; John R.
US 6050036 A	USPAT	20000418	Flange mounted framing system	52/204.5	49/504; 52/211; 52/212; 52/656.2; 52/656.4; 52/656.5; 52/717.01; 52/734.1; 52/745.16	Frey; John R.
US 6033392 A	USPAT	20000307	IV pole bag fabricated from anti-microbial material	604/403	206/365; 283/116; 283/84	Frey; John W. et al.
US 6023998 A	USPAT	20000215	Shingle removing implement	81/45	254/131.5	Frey; John
US 5941143 A	USPAT	19990824	Method of assessing chip breakability performance	82/1.11	82/47	Jawahir; Ibrahim S. et al.
US 5908871 A	USPAT	19990601	Polyester polyurethane flexible slabstock foam made using reduced emission surfactant	521/112	521/172; 528/26; 556/445	Frey; John Herbert et al.
US 5861546 A	USPAT	19990119	Intelligent gas flow measurement and leak detection apparatus	73/40.5R	137/599.13; 73/861.52; 73/861.55	Sagi; Nehemiah Hemi et al.
US 5852065 A	USPAT	19981222	Low emission, cell opening surfactants for polyurethane flexible and rigid foams	521/112	521/172; 521/174; 528/26	Frey; John Herbert et al.
US 5839236 A	USPAT	19981124	Curtain wall integral drip system	52/235	52/302.1; 52/469	Frey; John R.
US 5738281 A	USPAT	19980414	Process and apparatus for shrouding a turbulent gas jet	239/290	219/121.48; 239/430; 239/431	Zurecki; Zbigniew et al.

US 5689062 A	USPAT	19971118	Method of assessing tool-life in grooved tools	73/104	700/175; 82/1.11	Jawahir; Ibrahim S. et al.
US 5662266 A	USPAT	19970902	Process and apparatus for shrouding a turbulent gas jet	239/8		Zurecki; Zbigniew et al.
US 5595033 A	USPAT	19970121	Plastic block	52/306	52/204.62; 52/591.1; 52/592.1	Frey; John R.
US 5518221 A	USPAT	19960521	Method and apparatus for inert gas blanketing of a reactor or vessel used to process materials at elevated temperatures such as an induction furnace used to remelt metals for casting	266/44	222/603; 266/158; 266/217	Zurecki; Zbigniew et al.
US 5492939 A	USPAT	19960220	Polyether silicone surfactants for the manufacture of urethane foams	521/112	528/15; 528/29; 528/31; 556/436; 556/445	Stanga; Michael A. et al.
US 5443718 A	USPAT	19950822	Reduced gas holdup in ebullated reactor	208/157	208/143; 208/158; 208/161; 208/168	Buttke; Robert D. et al.
US 5432206 A	USPAT	19950711	Polyether silicone surfactants for the manufacture of urethane foams	521/110		Stanga; Michael A. et al.
US 5352523 A	USPAT	19941004	Graphite/carbon articles for elevated temperature service and method of manufacture	428/408	219/121.11; 219/552; 219/553; 313/352; 313/355; 428/332; 428/697; 428/698; 428/699; 428/704	Zurecki; Zbigniew et al.
US 5346390 A	USPAT	19940913	Method and apparatus for oxy-fuel heating with lowered NO.sub.x in high temperature corrosive environments	431/8	431/10	Slavejkov; Aleksandar G. et al.
US 5344478 A	USPAT	19940906	Vortex dispersing nozzle for liquefied cryogenic inert gases used in blanketing of molten metals exposed to ambient air and method	75/709	266/207	Zurecki; Zbigniew et al.
US 5304417 A	USPAT	19940419	Graphite/carbon articles for elevated temperature service and method of manufacture	428/336	428/408; 428/446; 428/697; 428/698	Zurecki; Zbigniew et al.
US 5294462 A	USPAT	19940315	Electric arc spray coating with cored wire	427/446	427/449; 427/450; 427/451; 427/453	Kaiser; John J. et al.
US 5294242	USPAT	19940315	Method for making metal	75/345	75/10.1;	Zurecki; Zbigniew et al.

A			powders		75/346	
US 5256058 A	USPAT	19931026	Method and apparatus for oxy-fuel heating with lowered NO.sub.x in high temperature corrosive environments	431/187	431/10; 431/353; 431/8	Slavejkov; Aleksandar G. et al.
US 5254359 A	USPAT	19931019	Method of forming titanium nitride coatings on carbon/graphite substrates by electric arc thermal spray process using titanium feed wire and nitrogen as the atomizing gas	427/449	219/76.14; 29/DIG.39; 314/60; 427/113; 427/126.1; 427/422; 427/427; 427/580; 428/634	Zurecki; Zbigniew et al.
US 5243078 A	USPAT	19930907	Production of noncyclic polyalkylene polyamines	564/470		Agrawal; Rakesh et al.
US 5219532 A	USPAT	19930615	Reduced gas holdup in catalytic reactor	422/140	208/143; 208/146; 422/145; 422/147	Buttke; Robert D. et al.
US 5213848 A	USPAT	19930525	Method of producing titanium nitride coatings by electric arc thermal spray	427/449	427/126.1; 427/446; 427/580	Zurecki; Zbigniew et al.
US 5066513 A	USPAT	19911119	Method of producing titanium nitride coatings by electric arc thermal spray	427/449	427/126.1	Zurecki; Zbigniew et al.
US 4992337 A	USPAT	19910212	Electric arc spraying of reactive metals	428/642	219/121.47; 219/76.16; 428/615; 428/649; 428/657; 428/658; 428/937	Kaiser; John J. et al.
US 4950459 A	USPAT	19900821	Vapor collection and process for ebullated bed reactors	422/220	208/143; 422/216	Buttke; Robert D. et al.
US 4804458 A	USPAT	19890214	Process for collecting vapor in ebullated bed reactors	208/143	208/146; 422/140	Buttke; Robert D. et al.
US 4770697 A	USPAT	19880913	Blanketing atmosphere for molten aluminum-lithium alloys or pure lithium	75/681	164/475; 164/66.1; 164/68.1; 420/528	Zurecki; Zbigniew
US D295952 S	USPAT	19880531	Butt glaze glass clip	D8/382	D99/27	Frey; John
US 4583086 A	USPAT	19860415	Circuit for monitoring the operating condition of an electric load	340/640	340/660; 340/664	Andrews; J. Leroy et al.
US 4436228 A	USPAT	19840313	Keg tapping apparatus having improved retainer	222/400.7	285/329; 285/361; 285/422; 403/404	Frey; John A.
US 3962442 A	USPAT	19760608	Fungicidal compositions containing 2-amino pyrimidines and methods of using the same	514/272	514/235.8; 514/252.14; 514/252.18; 514/252.2	Snell; Brian Kenneth et al.

US 3953447 A	USPAT	19760427	Esterified 2-amino pyrimidine derivatives	544/321	544/122; 544/123; 544/320	Snell; Brian Kenneth et al.
US 3506040 A	USPAT	19700414	ARMORED HOSE [TEXT AVAILABLE IN USOCR DATABASE]	138/130	138/134; 174/106R; 174/108	EVERLING WALTER O et al.
US 3493574 A	USPAT	19700203	2-AMINO PYRIMIDINYL- 6-CARBAMATES AND SALTS THEREOF [TEXT AVAILABLE IN USOCR DATABASE]	544/320	504/101; 544/122; 544/253; 544/321	JONES WILLIAM GLYNNE MOSS et al.
US 3464986 A	USPAT	19690902	THIO-CARBAMYL- GAMMA-LACTONES [TEXT AVAILABLE IN USOCR DATABASE]	544/152	540/596; 549/313; 549/318	GHOSH RANAJIT et al.
US 3415545 A	USPAT	19681210	Terminal for armored hose [TEXT AVAILABLE IN USOCR DATABASE]	285/222.1	285/296.1	FREY JOHN A et al.
US 3172204 A	USPAT	19650309	Automatic center punch and the like [TEXT AVAILABLE IN USOCR DATABASE]	30/367		FREY JOHN A
US 3035826 A	USPAT	19620522	Spring of coiled flat [TEXT AVAILABLE IN USOCR DATABASE]	267/156		FREY JOHN A et al.
US 2693055 A	USPAT	19541102	Valve grinder [TEXT AVAILABLE IN USOCR DATABASE]	451/115		FREY JOHN F
US 2035768 A	USPAT	19360331	Transfer paper and method of making same [TEXT AVAILABLE IN USOCR DATABASE]	427/152	427/153; 427/264; 427/352; 428/488.41; 462/902	SHERMAN JOHN Q et al.
US 1898947 A	USPAT	19330221	Combination lock [TEXT AVAILABLE IN USOCR DATABASE]	70/312	70/213	FREY JOHN E
US 1463686 A	USPAT	19230731	Boring head [TEXT AVAILABLE IN USOCR DATABASE]	279/6		FREY JOHN H et al.
US 1339646 A	USPAT	19200511	Conveyer-belt [TEXT AVAILABLE IN USOCR DATABASE]	198/699	198/834	FREY JOHN C